

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
 Data File : VU033350.D
 Acq On : 20 Jul 2019 00:19
 Operator : JC/SP
 Sample : K3890-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52Q8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.392	77	94	108	rBV2	296788	414329	14.14%	3.534%
2	1.688	174	186	219	rVB	712967	999617	34.13%	8.526%
3	2.264	354	365	375	rBV3	159037	280691	9.58%	2.394%
4	2.312	376	380	388	rVV	22689	31116	1.06%	0.265%
5	2.363	388	396	407	rVB	43554	68297	2.33%	0.582%
6	2.601	462	470	485	rVB	36286	61099	2.09%	0.521%
7	3.421	707	725	748	rBV	682180	1495424	51.05%	12.754%
8	4.193	943	965	987	rBV3	109834	401536	13.71%	3.425%
9	4.620	1076	1098	1118	rBV	73915	179774	6.14%	1.533%
10	4.887	1162	1181	1198	rBV	491115	1164061	39.74%	9.928%
11	4.968	1198	1206	1222	rVB2	14553	33017	1.13%	0.282%
12	5.315	1291	1314	1337	rBV2	141715	397334	13.56%	3.389%
13	5.865	1470	1485	1507	rBV	133049	262397	8.96%	2.238%
14	6.164	1565	1578	1597	rVB2	42263	82671	2.82%	0.705%
15	6.312	1610	1624	1641	rBV	97688	195690	6.68%	1.669%
16	7.209	1893	1903	1923	rBV	44089	79510	2.71%	0.678%
17	7.546	1995	2008	2018	rBV	173246	297336	10.15%	2.536%
18	7.617	2018	2030	2051	rVB	1762032	2929185	100.00%	24.983%
19	7.833	2084	2097	2114	rBV2	30413	53910	1.84%	0.460%
20	8.299	2230	2242	2274	rBV	268420	489754	16.72%	4.177%
21	8.971	2440	2451	2465	rBV	73872	119553	4.08%	1.020%
22	9.074	2471	2483	2508	rBV	214521	356849	12.18%	3.044%
23	9.234	2523	2533	2546	rVB	30120	49995	1.71%	0.426%
24	9.363	2557	2573	2586	rBV	27160	46886	1.60%	0.400%
25	9.762	2688	2697	2710	rVB2	35146	58628	2.00%	0.500%
26	10.299	2855	2864	2876	rVB	38306	60546	2.07%	0.516%
27	10.418	2890	2901	2911	rBV	98509	159870	5.46%	1.364%
28	10.646	2961	2972	2986	rVB	39663	64753	2.21%	0.552%
29	11.469	3214	3228	3249	rBV2	250194	420359	14.35%	3.585%
30	11.752	3305	3316	3333	rBV2	73418	125404	4.28%	1.070%
31	11.845	3333	3345	3361	rBV	197771	345321	11.79%	2.945%

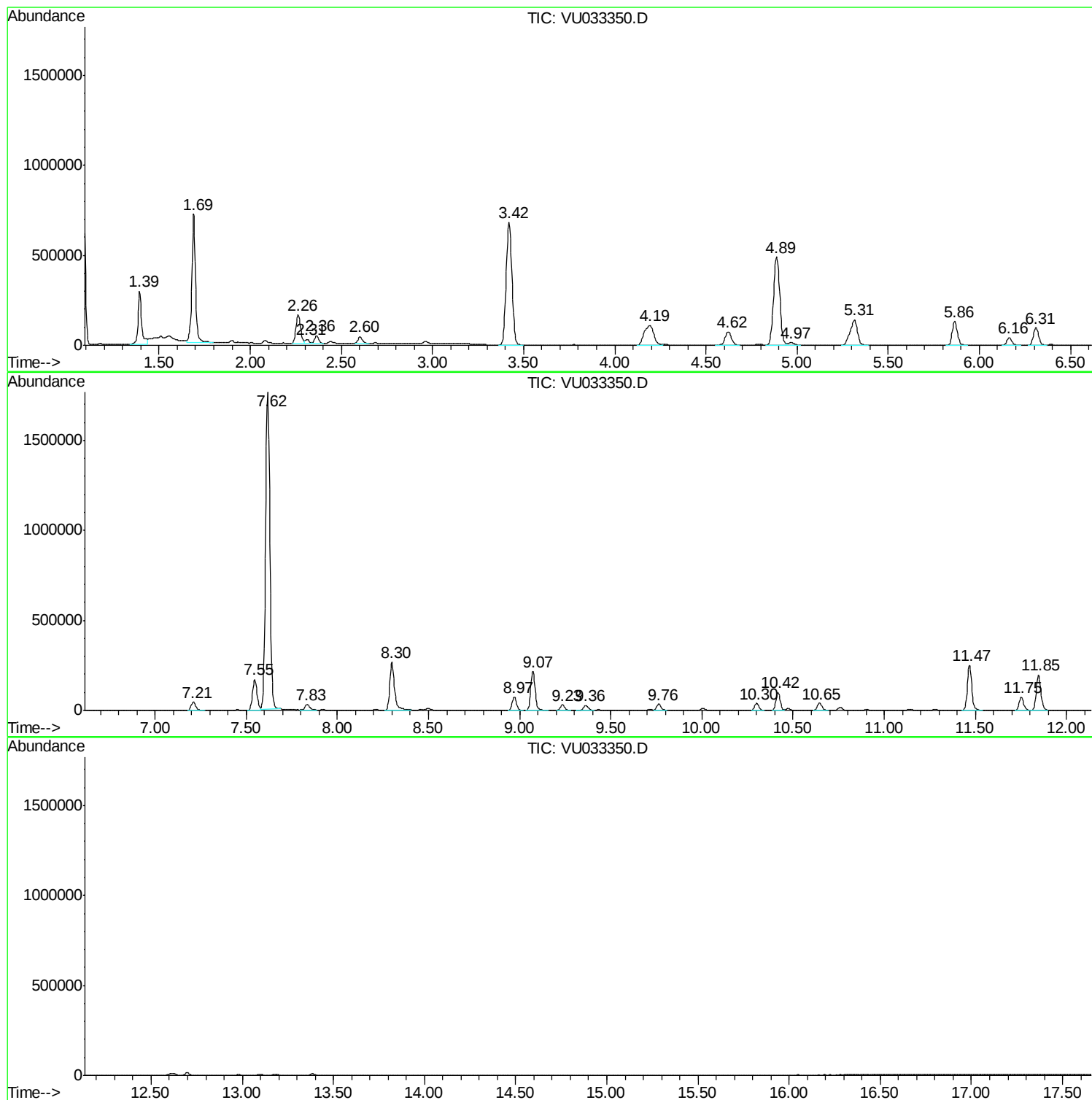
Sum of corrected areas: 11724912

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q8

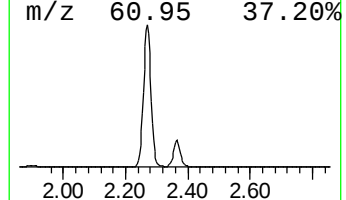
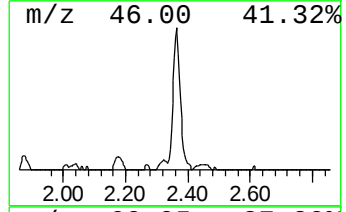
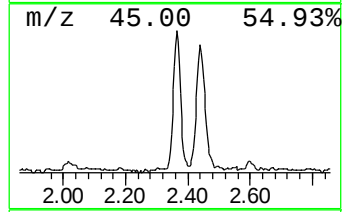
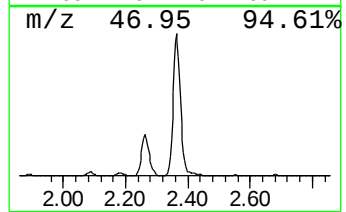
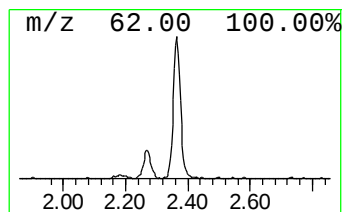
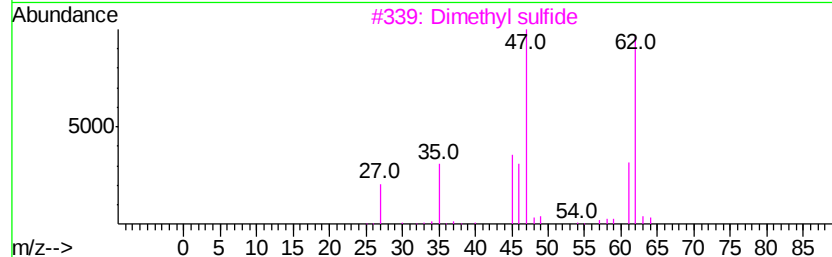
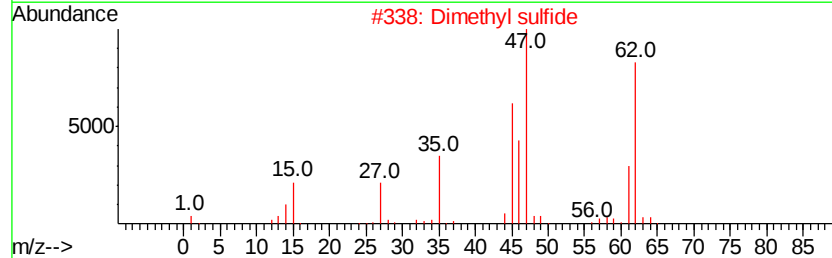
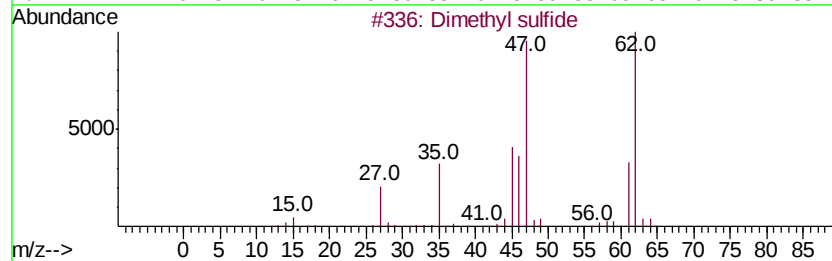
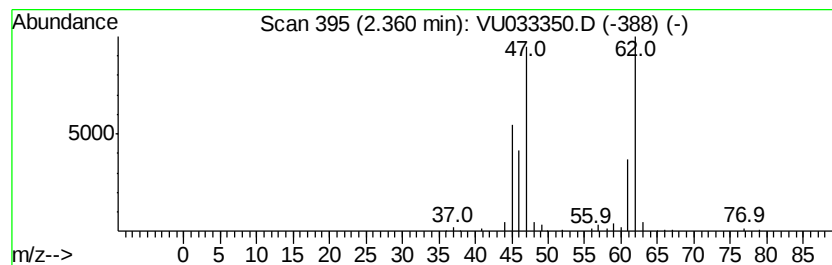
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	1.30 ug/L	68297	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q8

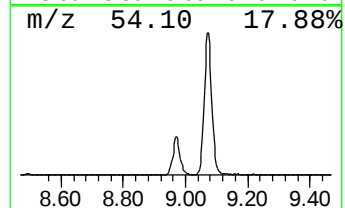
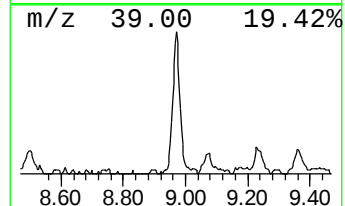
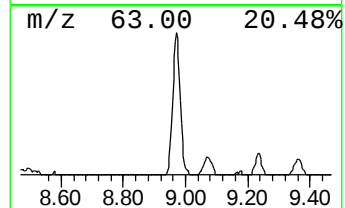
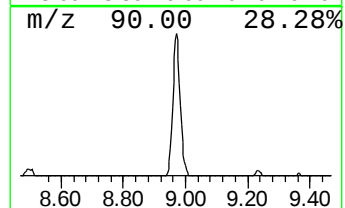
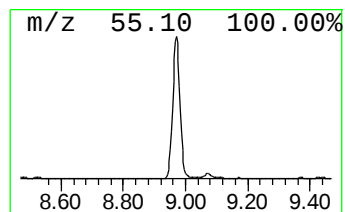
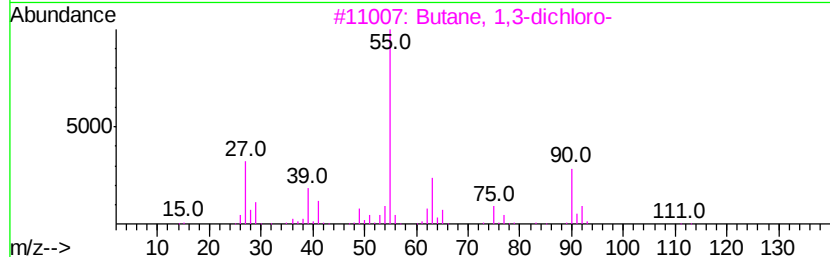
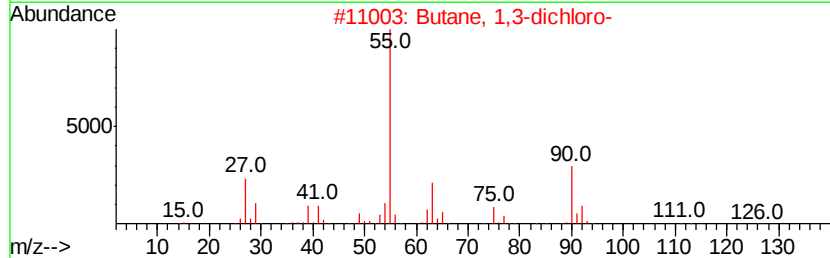
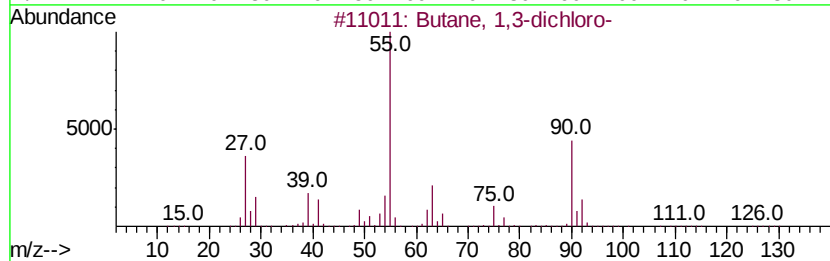
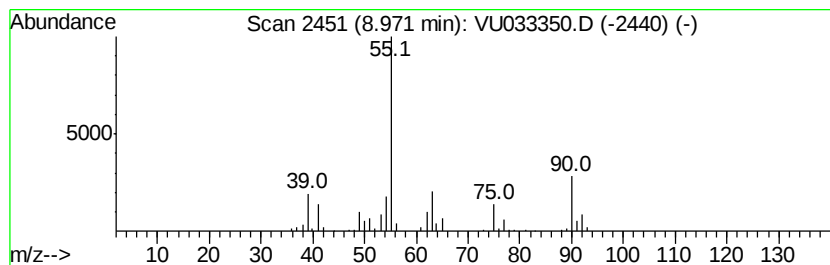
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	1.68 ug/L	119553	Chlorobenzene-d5	9.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1,3-dichloro-	126	C4H8Cl2	001190-22-3	83
2			Butane, 1,3-dichloro-	126	C4H8Cl2	001190-22-3	83
3			Butane, 1,3-dichloro-	126	C4H8Cl2	001190-22-3	83
4			2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	68
5			2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q8

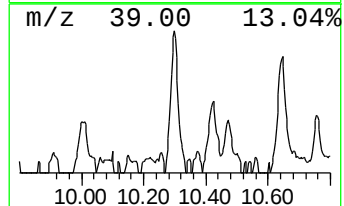
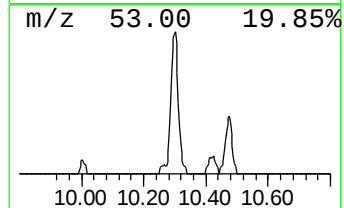
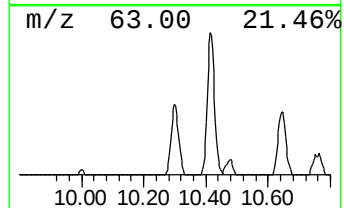
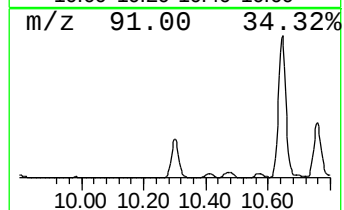
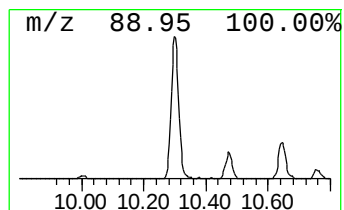
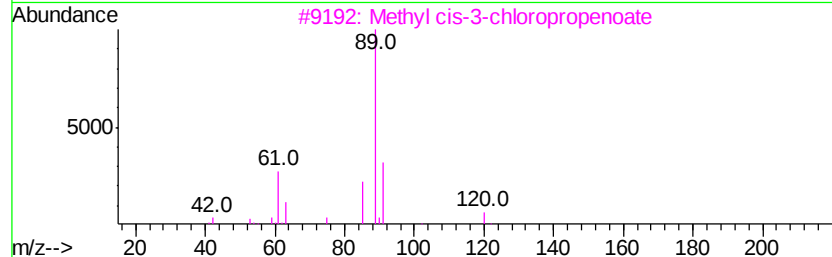
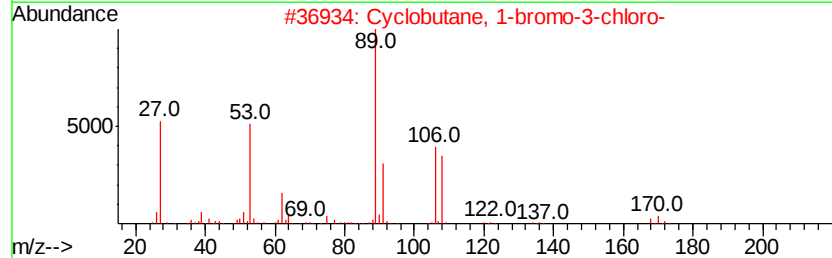
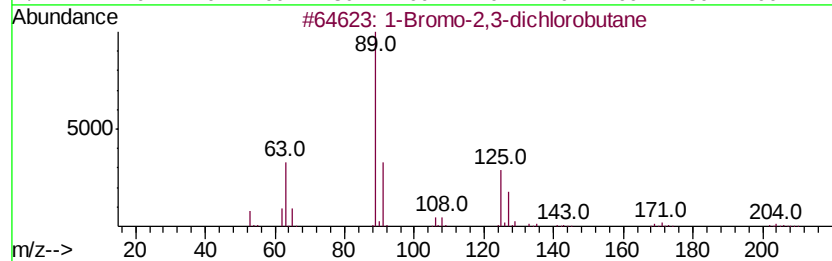
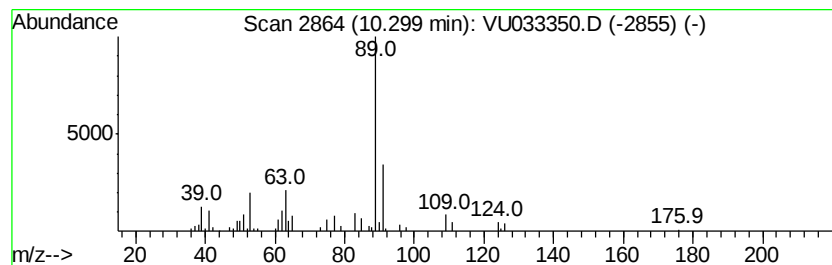
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	0.72 ug/L	60546	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	43
2		Cyclobutane, 1-bromo-3-chloro-	168	C4H6BrCl	004935-03-9	40
3		Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	38
4		Methyl trans-3-chloropropenoate	120	C4H5ClO2	1000144-78-8	38
5		1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
A52Q8

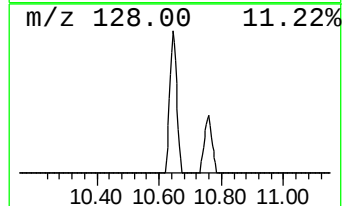
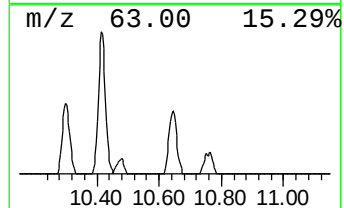
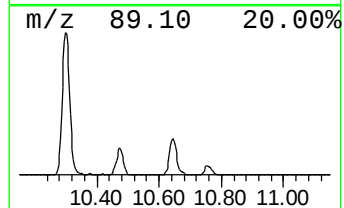
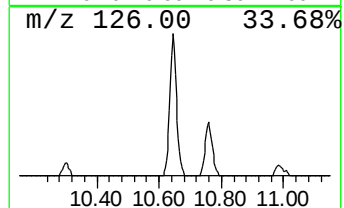
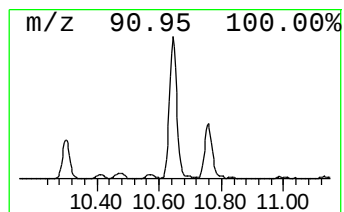
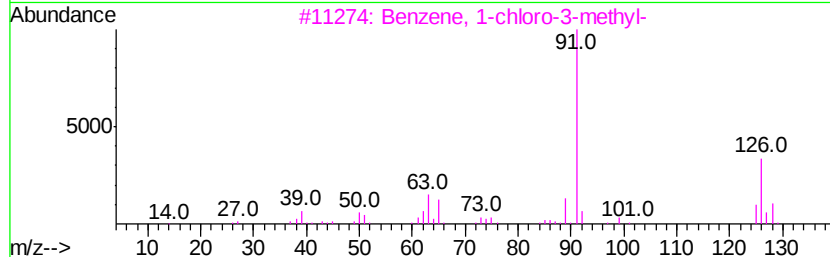
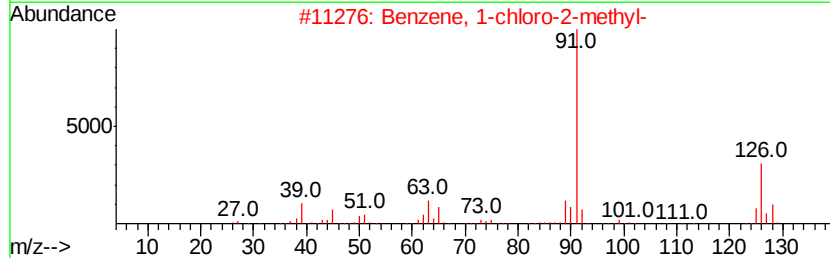
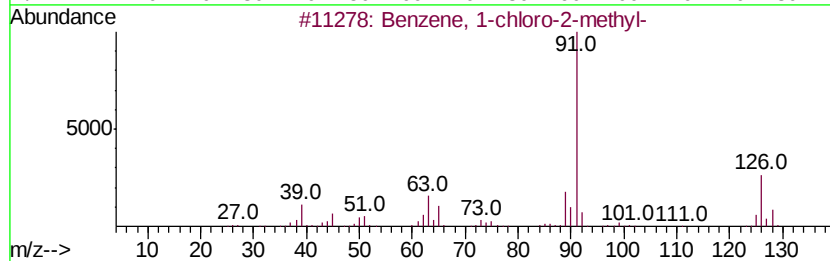
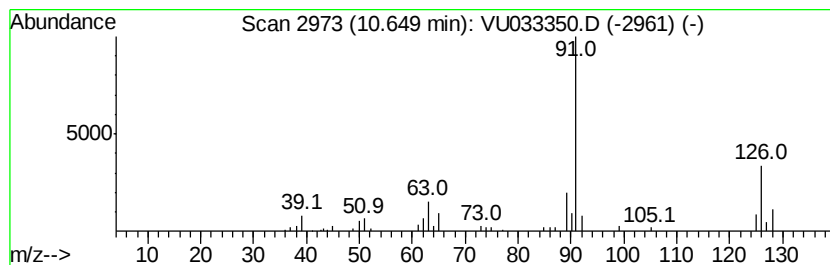
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	0.77 ug/L	64753	1,4-Dichlorobenzene-d4	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
3		Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
4		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
5		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

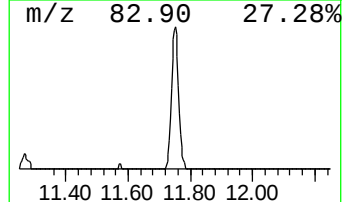
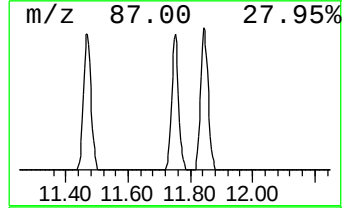
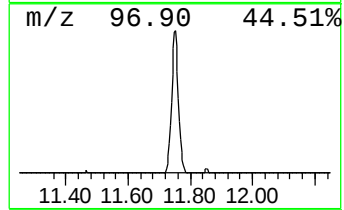
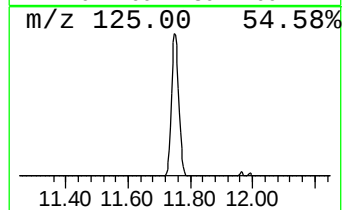
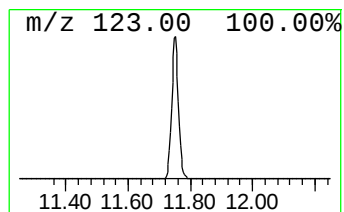
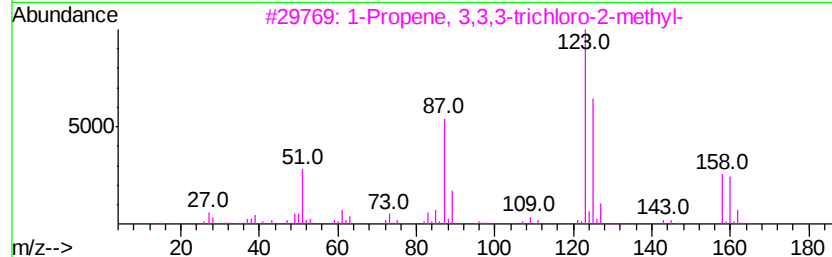
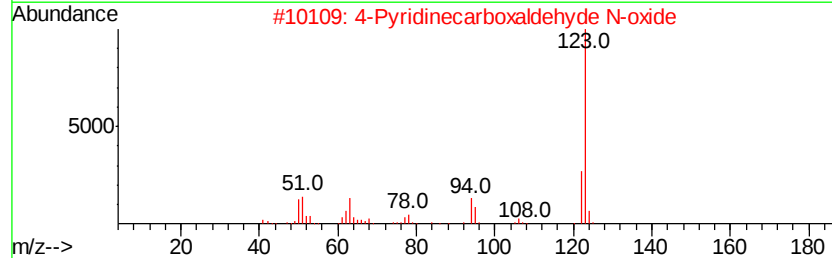
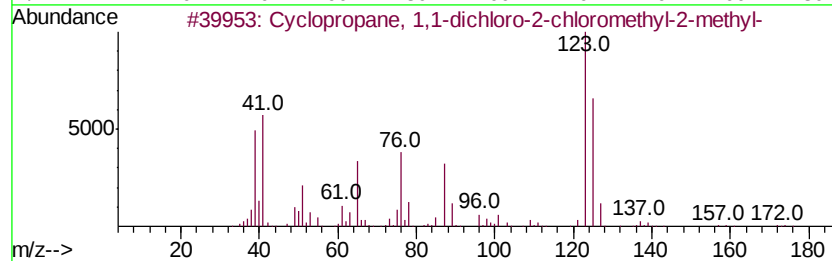
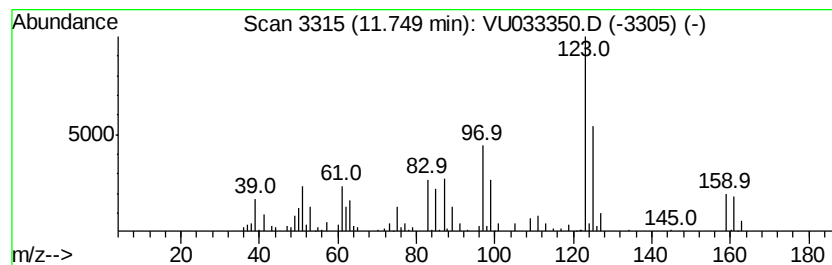
Instrument :
MSVOA_U
ClientSampleId :
A52Q8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.75	1.49 ug/L	125404	1,4-Dichlorobenzene-d4	11.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopropane, 1,1-dichloro-2-chl...	172	C5H7Cl3	015997-19-0	32
2		4-Pyridinecarboxaldehyde N-oxide	123	C6H5NO2	007216-42-4	27
3		1-Propene, 3,3,3-trichloro-2-met...	158	C4H5Cl3	004749-27-3	25
4		2,2-Dichloroethyl ethyl carbonate	186	C5H8Cl2O3	1000373-78-3	25
5		3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072019\
Data File : VU033350.D
Acq On : 20 Jul 2019 00:19
Operator : JC/SP
Sample : K3890-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.36	1.3	ug/L	68297	1	5.86	262397	5.0
Butane, 1,3-dichl...	8.97	1.7	ug/L	119553	2	9.07	356849	5.0
unknown-01	10.30	0.7	ug/L	60546	3	11.47	420359	5.0
Benzene, 1-chloro...	10.65	0.8	ug/L	64753	3	11.47	420359	5.0
unknown-02	11.75	1.5	ug/L	125404	3	11.47	420359	5.0